

PM 03

3125-158

12/7/98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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DEC 7 1998

John S. Thornton
Bayer Corporation
8400 Hawthorn Road, P.O. Box 4913
Kansas City, MO 64120-0013

Subject: Di-Syston 68% Concentrated Insecticide
EPA Registration No. 3125-158
Amendment dated October 6, 1998

Dear Mr. Thornton:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to your label:

a. Change the sentence "For formulating garden products an insecticide for formulating use" into two sentences as follows:

For formulating garden products.
An insecticide for formulating use.

b. In the Precautionary Statements section, change the sentence "Wear clean, heavy, natural gloves....." to "Wear clean, heavy, natural rubber gloves..."

2. Submit two copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records. If you have any questions about this letter, please contact Beth Edwards at (703) 305-5400.

Sincerely yours,

Beth Edwards

George T. LaRocca

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure		CONCURRENCES					
SYMBOL							
SURNAME							
DATE							

Di-Syston 68% Concentrate

158-9127.YLD

U.S. LABEL

Base Pre-Reg (9217)

Reason to Issue: To revise the container disposal statement.

ACCEPTED
Date of Pre-Registration 10/05/98 (H)
EPA Letter Dated

DEC 7 1998

Di-Syston 68% Concentrate Insecticide

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pest(s) registered under EPA Reg. No. 3125-158

For formulating garden products/an insecticide for formulating use.

two sentences?

ACTIVE INGREDIENT:

Disulfoton, O,O-Diethyl S-[2-(ethylthio)ethyl]phosphorodithioate 68%

INERT INGREDIENTS: 32%

100%

EPA Reg. No. 3125-158

EPA Est. 3125-MO-1

Net Contents: ___ Pounds

**STOP - Read The Label Before Use
KEEP OUT OF REACH OF CHILDREN**

DANGER



POISON

PELIGRO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: POISONOUS BY SKIN CONTACT OR IF INHALED OR SWALLOWED. RAPIDLY ABSORBED THROUGH THE SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

Do not breathe fumes. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II.

✓ Do not get in ^{rubber} eyes or on skin. Wear clean, heavy, natural gloves and clean, waterproof, protective clothing (coveralls, rubber boots, cap etc). Destroy and replace gloves frequently. Bathe immediately after work and change all clothing.

HANDLING OF CONTAMINATED ARTICLES: Clothing and rags receiving undiluted DI-SYSTON 68% Concentrate as a result of leaks, spills, or mishaps should be removed immediately and not reused. These contaminated articles should be disposed of in the same manner as the empty container; see Container Disposal section for directions. (Contaminated articles which should be discarded would include: hats, gloves, aprons, coats, boots, etc. not made of rubber or coated with rubber or other similar materials). Protective clothing and equipment should be washed down with detergent or soap and bleach in water. Wash water from the cleaning of protective clothing or equipment should not be allowed to run off or otherwise enter water supplies.

In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and warm water.

Text being added is highlighted by redlining.

Text being deleted is highlighted by ~~strikeout~~.

In case of spillage, cover with an absorbent such as soda ash, clay, or sawdust. Sweep up and bury. Wash area thoroughly with strong lye solution.

Wash hands, face, and arms thoroughly with soap and warm water before eating or smoking. Keep all unprotected persons

out of the operating area or vicinity. Do not contaminate feed or foodstuffs.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning call a physician immediately. Have patient lie down and keep quiet. **If swallowed:** Vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 mL) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. **If on skin:** Remove contaminated clothing and wash skin immediately with soap and water. Get medical attention immediately. **If in eyes:** Wash with flowing water. Get medical attention immediately. **If inhaled:** Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention immediately.

To Physician: ANTIDOTE - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting

authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

DRUM HANDLING

1. Handle drums carefully so as to avoid damage and prevent leakage.
2. Store drums in a cool, well-ventilated place.
3. Open drums only when set on end and under a ventilated hood. Unscrew bungs slowly to release any internal pressure. Then fit both bungs with valves.
4. To empty drums, connect one valve to an open vent pipe and the other to a closed storage or impregnation system.
5. Drums that have contained DI-SYSTON 68% Concentrate should NEVER be reused as reusable drums. Refer to STORAGE AND DISPOSAL STATEMENTS on this label.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Only for formulation into an insecticide, for (1) the following uses: Terrestrial, food uses on: beans, broccoli, Brussels sprouts, cabbage, cauliflower, lettuce, peas, potatoes, tomatoes.

Domestic outdoor uses on: Potted plants, ornamentals (herbaceous plants, flowers, woody shrubs, trees).

Domestic indoor use on: Potted plants, ornamentals (specified above).

Greenhouse non-food use on: Ornamentals (specified above).

(2) uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and (3) uses for experimental purposes that are in compliance with USEPA requirements.

BAYER CORPORATION DISCLAIMS ALL LIABILITY BASED ON BREACH OF WARRANTY, NEGLIGENCE, STRICT TORT LIABILITY, OR ANY OTHER THEORY OF LIABILITY FOR CROP DAMAGE OR FAILED EFFICACY RESULTING FROM THE USE OF THIS BAYER CORPORATION PRODUCT AS AN INGREDIENT IN ANY FORMULATION WITH A USE NOT SPECIFICALLY LISTED ON THIS LABEL.

Information pertinent to the manufacturing use of this product may be obtained from your Bayer Sales Representative. Labeling for products made from DI-SYSTON 68% Concentrate must conform to the registered labeling for either DI-SYSTON 2% Granular, EPA Reg. No. 3125-83, DI-

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SYSTON Systemic Insecticide Granules, EPA Reg. No. 3125-116, or SYSTEMIC 2 in 1 Rose Care, EPA Reg. No. 3125-152. Any variance from the labeling from the labeling

for these products may have to be supported by data submitted by the formulator.

STORAGE AND DISPOSAL

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Drums that have contained DI-SYSTON 68% Concentrate should NEVER be reused ~~are reusable drums~~. Empty drums should be decontaminated by washing with hot, 5% caustic soda solution. They should then be perforated to prevent further use and disposed of in a sanitary landfill, or by other procedures approved by state and local authorities. ~~Do not reuse drums. Do not break seals. Replace the dust cover cap and return drums in a clean point of purchase.~~

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. Wash area with strong lye solution. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244 or contact Chemtrec at 800-424-9300.

